

What is claimed is:

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A personal communicator comprising in combination three modules, said modules that have means that allow each to be removable and have means to keep  
5 each module connected to each other, said modules being a communications module, a display module and a core module, said communications module having an ear piece with means to cooperate and function with a microphone located in said personal communicator in or outside said communications module to act thereby as a mobile telephone, said personal communicator having activation means selected from  
10 the group consisting of touch activation, audio activation and mixtures thereof, each of said detachable modules when detached having means to function when connected to or with other enclosures or attachments, said core module having a single completely closed housing having internally therein components of a fully functional conventional general purpose computer including internal non-volatile mass storage  
15 means, said core module not functional as a computer when standing alone or when detached from said personal communicator, said core module having means to be used with totally new and different type structures other than said personal communicator, and wherein all of said components in said core housing are completely enclosed therein and may not be removed, said core module devoid of any  
20 power means, said power means only supplied by said personal communicator or other enclosures.

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-19-

The personal communicator of claim 1 wherein said core computer module has at least the following:

At least a 16 bit microprocessor with a memory of at least 32 Mbytes of RAM:

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A mass storage memory of at least 80 Mbytes.

The core computer module of claim 1 with all of the components of a general purpose computer and having when detached, activation means selected from the group consisting of audio activation means, eye-tracking activation means, electroencephalography activation means, head and arm-tracking means, touch activation means and mixtures thereof.

The personal communicator of claim 1 wherein said core computer module comprises a pager and e-mail means.

The personal communicator of claim 1 wherein said core computer module comprises means selected from the group consisting of a pager, facsimile means, personal organizer or mixtures thereof.

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The personal communicator of claim 1 having means to be docked mechanically or through wireless means into a monitor having a display substantially larger and with greater resolution than the display in said display module.

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The core computer module of claim 1 having means to be docked into a monitor having a display substantially larger and with greater resolution than the display in said display module.

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The personal communicator of claim 1 having means for attachment to the body of the user.

10 The personal communicator of claim 1 when assembled with each of said detachable modules connected having an antenna mouth piece and an ear piece in said communications module and a means to connect to said core computer module in an outside positioned keypad on the outside surface of said communication module, thereby having means to function as a mobile phone when all modules are connected.

15 The personal communicator of claim 1 having incorporated therein a member selected from the group consisting of a television means, a radio means, a still camera means, a video camera means and mixtures thereof.

20 The personal communicator of claim 1 having at least two display means, a first in said display module and a second in said communications module or said core module.

The personal communicator of claim 1 where all of the said modules are removably connected to each other.

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The personal communicator of claim 1 where the communications and core computer modules are permanently connected to each other.

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